

13. A method for implementing a call back service in a mobile radio network as claimed in claim 12, wherein both the first and second call set-up are initiated by a second mobile switching center in a second subnetwork.

14. A method for implementing a call back service in a mobile radio network as claimed in claim 13, the method further comprising the step of:

sending, via the service control point, a connection set-up request to the second switching center.

15. A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of:

starting a function in the home location register by a header in the service call.

16. A method for implementing a call back service in a mobile radio network as claimed in claim 15, wherein the service call is supplemented by a call number of the calling party by the home location register before being forwarded to the service control point.

17. A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of:

acknowledging receipt of the service call to the calling party by the service control point.

18. A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of:

generating charging information via the second switching center upon successful call set-up.

19. A method for implementing a call back service in a mobile radio network as claimed in claim 12, the method further comprising the step of: